

ABSTRACT

A planetary gear PR and a clutch C3 for outputting reduced rotations and a clutch C1 for connecting and disconnecting the rotation of the input shaft 2 input to the sun gear S2 are configured on one side in of the planetary gear unit PU in the axial direction, and a clutch C2 for connecting and disconnecting the rotation of the input shaft 2 input to the carrier CR2 is configured on the other side (left side of the diagram) of the planetary gear unit PU in the axial direction. By doing so, as compared to a case wherein, for example, a clutch C1 and clutch C2 are configured together between the planetary gear PR and the planetary gear unit PU, the planetary gear PR and the planetary gear unit PU can be configured close together, and the transmitting member 30 that transmits the reduced rotations is made shorter. Further, compared to the case wherein, for example, the clutches C1, C2, C3 are configured on one side in the axial direction, the construction of the oil line is simplified.